Masterclock®

TCDS46-DF
Time Code Driven Clock

The **TCDS46-DF** Digital Clock syncs to IRIG-B, SMPTE and EBU time codes for accurate and traceable time. The unit configures to time zone and Daylight Saving Time parameters. WinDiscovery software is included.

LED available in red, green, blue or amber

Standard Features

- Double-faced, 4 in (10.2 cm) 6-digit LED display
- LED available in red, green, blue or amber
- Reads IRIG-B, SMPTE 12M, 309M, 24/25/30 fps, 29.97 drop frame
- Retains time and date during loss of power and/or reference using a battery backed real-time clock (RTC) chip and maintenance-free rechargeable battery
- Configures to time zone and Daylight Saving Time
- WinDiscovery software utility included for easy configuration through USB
- Configuration is saved to non-volatile memory and survives power losses
- Password protection prevents unauthorized tampering
- Display time in 12- or 24-hr format – hh:mm:ss
- Display date – mm:dd:yy, dd:mm:yy or yy:mm:dd
- Auto alternate display info between date and time
- PM indicator
- Wall mount bracket
- Adjustable brightness levels with scheduled dimming
- Visibility: 200 feet (60 meters)
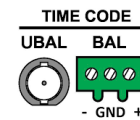
Options

- Side wall-mount bracket

Pair with the **RC1000** or **RC600** to add count-up and count-down timer control functionality

Specifications

CONNECTORS

- BNC female
- 3-pin terminal block
- USB for configuration
- 2.1 mm female DC power plug
- IEC C5 A/C Power

POWER

- Choice of IEC AC or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 15W

OPERATING PARAMETERS

- Temperature: 0° to 60°C
- Humidity: Up to 90% (non-condensing)
- Storage Temperature: -40° to 185° F (-40° to 85°C)
- Storage Humidity: Up to 90% (non-condensing @ 25°C)

PHYSICAL

- Black metal chassis
- IP Rating: IP40
- Size: 25w x 6.8h x 3.3d in (63.3w x 17.4h x 8.4d cm
- Weight: 11.2lbs (5.1 kg)

MTBF

- 86,700 - 100,000 hrs

  All calculated using Fixed/Ground Mil HDBK 217F assumption

COMPLIANCE

- FCC, ROHS, CE Marked, ANSI

5-YEAR LIMITED PARTS & LABOR WARRANTY   **MADE IN THE USA**